



제 31회 한국반도체학술대회

The 31st Korean Conference on Semiconductors

2024년 1월 24일(수)-26일(금) | 경주화백컨벤션센터(HICO)

2024년 1월 25일(목), 10:55-12:40

Room D(104), 1층

P. Device for Energy (Solar Cell, Power Device, Battery, etc.) 분과

[TD2-P] 수소 생산 / 미래 에너지

좌장: 박정웅 교수(가천대학교), 유상우 교수(경기대학교)

초청발표 TD2-P-1 10:55-11:25	MOF-Based Catalysts for Efficient Electrochemical Conversion of CO ₂ to CO Soo Young Kim Department of Materials Science and Engineering, Korea University
초청발표 TD2-P-2 11:25-11:55	Research of National Climate/Energy Policy, Strategy and R&D Planning Jeong In Lee National Climate Technology Center(NCTC), KIER
TD2-P-3 11:55-12:10	Electrochemical Nitrate Reduction to Ammonia on Facet-engineered Epitaxial Perovskite Oxide Jun Beom Hwang, Jiwoong Yang, and Sanghan Lee School of Materials Science and Engineering, GIST
TD2-P-4 12:10-12:25	Enhancing BiVO ₄ Photoanode Performance by Insertion of an Epitaxial BiFeO ₃ Ferroelectric Layer Yejoon Kim, Haejin Jang, and Sanghan Lee School of Materials Science and Engineering, GIST
TD2-P-5 12:25-12:40	Enhancing Zinc Cobalt Sulfide Catalysis via Heterojunction Design with Metallic Phase Molybdenum Sulfide for Water Splitting Mikiyas Mekete Meshesha ^{1,2} , Debabrata Chanda ^{1,2} , Ranjith Balu ^{1,2} , Jang Seok Gwon ^{1,2} , Shahbaz Ahmed ^{1,2} , and Bee Lyong Yang ^{1,2} ¹ School of Advanced Materials Science and Engineering, Kumoh National Institute of Technology, ² GHS Co., Ltd.